

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 77-118

WASTE DISCHARGE REQUIREMENTS  
FOR

ROD W. KETELSEN, JOHN BARCLAY, CHARLES BEELER ETAL. -  
SUISUN PACIFIC MARINA AND MARINA VILLAGE UNIT NO. 2 -  
HYDRAULIC MAINTENANCE DREDGING AND SPOILS DISPOSAL,  
SOLANO COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

1. Charles Beeler and the additional named individuals listed in Attachment "A", hereinafter collectively called the discharger, are the owners of facilities involved in this project. The discharger submitted a report of waste discharge dated June 1, 1977 for the dredging of Suisun Pacific Marina area and the channel and keys of Marina Village Unit No. 2.
2. The discharger proposes to perform hydraulic maintenance dredging involving some 120,000 cubic yards of sediment in the egress channel, Suisun Pacific Marina area, and the channel and keys of Marina Village Unit No. 2. The Suisun Pacific Marina has 144 berths. The dredged spoils are to be disposed of on a 50 acre land disposal site as shown in Attachment "B" incorporated herein and made a part of this Order. The land disposal site is devoid of wetland vegetation and is above mean higher high water. Overflow from the disposal site will be controlled by a weir and discharged through an existing 24-inch culvert under Highway 12 to the Suisun Slough. During operation, the maximum discharge will not exceed the modified culvert capacity.
3. The Board adopted the Water Quality Control Plan for San Francisco Bay Basin on April 8, 1975, containing water quality objectives and prohibitions for Suisun Marsh including Suisun Slough and contiguous waters.
4. The beneficial uses of Suisun Slough and contiguous waters as set forth in the Basin Plan are:  
  
Recreation including swimming  
Fish Habitat  
Wildlife habitat  
Esthetic enjoyment
5. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them an opportunity for a public meeting and an opportunity to submit their written views and recommendations.
6. This Board in a public meeting heard and considered comments pertaining to the discharge and the requirements prescribed herein.

7. These discharge requirements govern the waste discharge from the maintenance dredging of a privately owned marina area and keys. This activity constitutes only a minor modification to land, and such activity is thereby exempt from the provisions of the California Environmental Quality Act in accordance with Section 15104, Chapter 3, Title 14, California Administrative Code.

IT IS HEREBY ORDERED, to achieve the water quality objectives and prohibitions contained in the Water Quality Control Plan that the discharger shall comply with the following:

A. Effluent Limitations

1. The wastewater overflow as discharged to waters of the State from the land disposal area shall meet the following quality limits at all times:
  - a. Settleable matter 1.0 ml/l-hr, maximum
  - b. pH 6.5 minimum, 8.5 maximum

B. Receiving Water Limitations

1. The dredging, treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The dredging, disposal of waste or wastewater return flow shall not cause:
  - a. Floating, suspended, or deposited macroscopic particulate matter or foam in waters of the State at any place more than 100 feet from the dredge and 200 feet from the point of discharge of return flow;
  - b. Bottom deposits or aquatic growths in waters of the State at any place;
  - c. Discoloration beyond present natural background levels in waters of the State at any place more than 100 feet from the dredge and 200 feet from the point of discharge of return flow;
  - d. Visible floating, suspended, or deposited oil or other products of petroleum origin in waters of the State at any place;
  - e. Waters of the State to exceed the following limits of quality at any point:

Dissolved Oxygen                      5.0 mg/l minimum

When natural factors cause lesser concentrations, then this discharge shall not cause further reduction in the concentration of dissolved oxygen.

pH                                      A variation from natural ambient pH by more than 0.5 pH units.

3. The turbidity of the waters of the State at any point beyond 200 feet from the point of discharge of the return flow to increase above background levels by more than the following:

<u>Receiving Water Background</u>	<u>Incremental Increase</u>
<50 units	5 Units, maximum
50-100 Units	10 Units, maximum
>100 Units	10% of Background, maximum

C. Prohibitions

1. Silt, sand, soil, clay or other earthen materials from dredging, construction, or any other onshore operation in quantities sufficient to cause deleterious bottom deposits or turbidity or discoloration in excess of natural background levels in surface waters are prohibited.
2. The berms around the land disposal site shall be constructed so as to contain the dredged material at all times. A discharge of the return flow from the disposal site at any other point than that shown in Attachment "A" is prohibited.

D. Provisions

1. Dredging operations shall cease immediately whenever violations of requirements are detected by the self-monitoring program and operations shall not resume until alternative methods of compliance are provided.
2. The discharger shall comply with all sections of this order immediately upon commencement of dredging operations and overflow.
3. This Board requires the discharger to file technical reports on self-monitoring work performed according to detailed specifications developed pursuant to the Regional Board's Resolution No. 73-16. (Reference: Section 13267(b) and 13268, California Water Code.)
4. This Board requires the discharger to file a report on waste discharge at least 120 days before making any material change or proposed change in the character, location, or volume of the discharge. (Reference: Sections 13260(b) and 13264, California Water Code.)

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on September 20, 1977.

FRED H. DIERKER  
Executive Officer

Attachments:

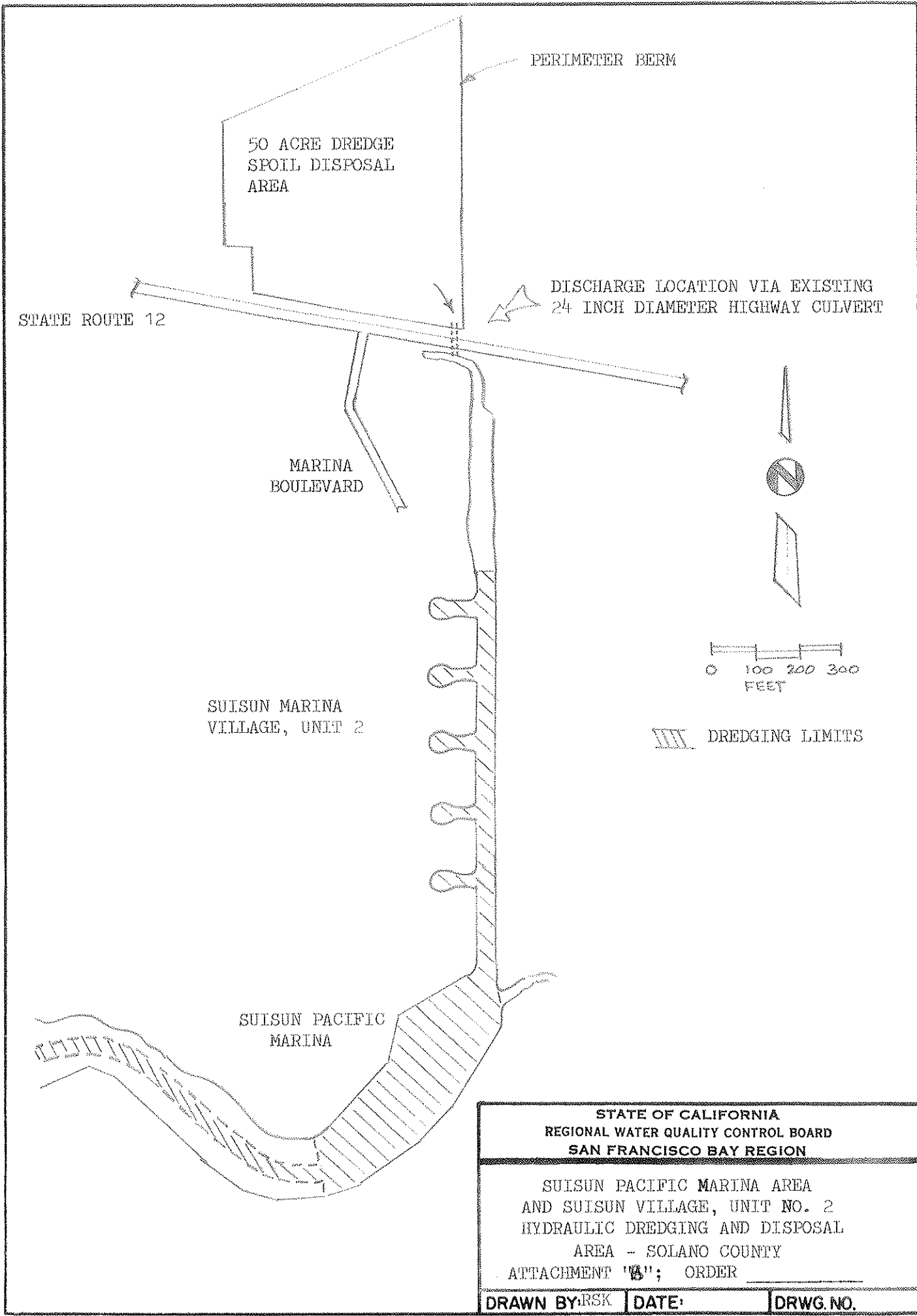
List of Dischargers  
Map  
Self-Monitoring Program  
Notifications 1/6/70

ATTACHMENT A

PROPERTY OWNERS LOCATED ADJACENT TO CHANNEL IN SUISUN MARINA VILLAGE  
UNIT NO. 2 - (Current August 1977)

Lot

1	Robert Booth
2	Thomas Stokes, etux
3,4	Rod Ketelsen
5	John Funez, etux
6	Clarence Williams, etux
7	Lyle Winters, Jr., etux
8,9	Edward Avilla, etux
10	Charles Pavka, etux
11	Thomas Self, etux
12	Carolyn Ziobro and Curt Catlett
13,36	LeVoughn Jenkins, etux
14	Robert Albrecht, etux
15	Monte Bullard, etux
16	Earl Geiskoff, etux
17	Robert Church, etux
18,20	Dominick Jahn, etux
19	William Gardner, etux
21	Billy Blizzard, etux
22	James Lindley, etux
23	Willard Woodbury, etux
24	Thomas Watkins, etux
25,26,27,31	Richardson Plumbing Company, Inc.
28	Calgary Development Corp.
29	Bruce Kraemer, etux
30	Maurice Lee, etux
32	James Buck, etux
33	Herman Jarrett, etux
34	John Caffale, etux
35	Ernest McClelland, etux
37	Alan Brayton
38	William Strahan, etux
39	James Hagans, etux
40	Gilbert Larson, etux
41	John Barclay, etux



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM  
FOR

Rod W. Ketelsen, John Barclay, Charles Beeler, et al.,  
Suisun Pacific Marina Area  
and Suisun Village No. 2

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Hydraulic Maintenance Dredging

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and Spoils Disposal, Solano County

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ORDER NO. 77-118

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM FOR:

ROD W. KETELSEN, JOHN BARCLAY,  
CHARLES BEELER, ET AL., SUISUN  
PACIFIC MARINA AREA AND MARINA  
VILLAGE UNIT NO. 2 - HYDRAULIC  
MAINTENANCE DREDGING AND  
SPOILS DISPOSAL, SOLANO COUNTY

A. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board,
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge,
3. To develop or assist in the development of effluent or other limitations, discharge prohibitions, national standards of performance, pre-treatment and toxicity standards, and other standards, and
4. To prepare water and wastewater quality inventories.

B. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSES AND OBSERVATIONS

I. Effluent - Hydraulic Dredging Operation

<u>Station</u>	<u>Description</u>		
E-1	The point of discharge where wastewater overflow will be returned to the receiving waters.		
<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Units</u>
E-1	Grab sample during the last hour of dredging each day, daily throughout the project's duration when overflows occurs.	Settleable Matter pH	ml/l-hr units
	Grab sample, daily during the first week that overflow occurs.	Oil and Grease	mg/l



## II. Receiving Water - Overflow Area

<u>Station</u>	<u>Description</u>
C-1	At a point located 100 feet downcurrent from the point of discharge from land disposal area in Suisun Slough.
C-2	At a point located 200 feet downcurrent from the point of discharge from land disposal area in Suisun Slough.
C-R	At a point located beyond the project limits downcurrent from the point of discharge from land disposal area in Suisun Slough.

<u>Station</u>	<u>Type of Sample &amp; Frequency</u>	<u>Analyses</u>	<u>Units</u>
All C Stations	Grab samples shall be taken during periods of overflow and collected twice weekly.	Dissolved Oxygen pH (electro-metric) Turbidity Standard Observations**	mg/l units JTU

\*\*Standard Observations, shall be made when grab samples are taken at all C Stations to include:

- Floating and suspended materials of waste origin, (to include oil, grease, algae, and other macroscopic particulate matter) presence or absence, source, and size of affected area.
- Discoloration and turbidity: description of color, source, and size of affected area.
- Odor: presence or absence, characterization, source, and distance of travel.
- Time and height of low tides corrected to nearest location for the sampling date and time of sample and collection.
- Water and sampling depths.

## III. Land Observations

Standard observations\*\* to be taken daily throughout the life of the project along the perimeter levee of the dredge disposal impoundment facility.

\*\*Standard observations, including:

- Evidence of leaching liquid from area of confinement and estimated size of affected area. (Show any affected area on a sketch.)
- Odor: Presence or absence, characterization, source, and distance of travel.

- c. Evidence of low points in levee resulting in overflow of water other than described in Report of Waste Discharge. Low points shall be filled immediately with appropriate fill material.

C. REPORTS TO BE FILED WITH THE REGIONAL BOARD

1. Violations of Requirements

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) Maintenance work, power failure, or breakdown of waste treatment equipment, or
- (b) Accidents caused by human error or negligence, or
- (c) Other causes, such as acts of nature,

The discharger shall notify the Regional Board Office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problem from recurring.

2. Self-Monitoring Reports

Written reports shall be submitted regularly for each calendar week during dredging operations by Wednesday of the following week.

The reports shall be in letter form, and shall specifically cover each point in the Monitoring Program. Any violations shall be clearly identified, and actions taken or planned for correcting violations shall be included. Monitoring reports shall be signed:

- (a) In the case of corporations, by a principal executive officer at least at the level of vice-president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge originates, or
- (b) In the case of a partnership, by a general partner, or
- (c) In the case of a sole proprietorship, by the proprietor.

The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedures set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 77-118.
2. Has been ordered by the Executive Officer on September 20, 1977 and becomes effective immediately.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER  
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

January 6, 1970

NOTIFICATIONS

1. This Board requests the discharger to take note of the comments and recommendations contained in all the correspondence the Board has received and considered concerning this matter, and the Executive Officer is directed to transmit copies of that correspondence to the discharger.
2. This Board considers "Waters of the State" as defined in Section 13050(e) of the California Water Code to include waste waters over which the discharger has lost control.
3. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under Federal, State, or local laws, nor guarantee the discharger a capacity right in the receiving waters.
4. This Board will prescribe more restrictive requirements for this waste discharge if necessary:

To achieve or maintain dissolved oxygen concentration of at least 5.0 mg/l in tidal waters of the San Francisco Bay System pursuant to Resolution No. 67-30,

To protect shellfishing areas which the Board designates pursuant to Resolution No. 803,

To protect the beneficial water uses, and to achieve other objectives adopted in the resolutions cited above.

5. This Board will review these requirements periodically, as required by law, and will notify the responsible persons before doing so. (Reference: Section 13263(e), California Water Code.)
6. The water quality parameters used in this resolution are as defined in the latest edition of "Standard Methods for the Examination of Water and Wastewater" by the American Public Health Association.
7. The discharger is advised that this Board will use the general concepts of Phase I of the plan recommended by the Final San Francisco Bay-Delta Program Report as guidelines in reviewing any application for construction grants for sewerage facilities proposed to comply with these requirements, and if the discharger intends to make such application he must demonstrate the compatibility of the proposed facilities with the general concepts of the Bay-Delta Program.